



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)	Before the Examiner:
James E. Lange)	
Serial No: 10/683,970)	Group Art Unit:
Filed: October 10, 2003)	
SAMPLING ISOLATOR)	

INFORMATION DISCLOSURE STATEMENT

Applicants hereby submit the attached documents listed on the attached PTO Form 1449 in accordance with 37 CFR §1.97(b)(3), as these documents are being submitted before the first Office Action. Copies of the cited items are enclosed in accordance with 37 C.F.R. § 1.98.

The filing of this Information Disclosure Statement shall not be construed as an admission that the information cited is, or is considered to be, material to patentability as defined in § 1.56(b), or that these documents are prior art.

It is believed that no fee is required for consideration of the submitted items. Should any fee be required, however, please charge such fee to Deposit Account No. 02-0387, but not to include any payment of issue fees.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: January 15, 2004

Michelle W. Horvath
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PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/685,970
Filing Date	10/10/2003
First Named Inventor	Lange
Art Unit	
Examiner Name	
Attorney Docket Number	DIE0009.01

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,023,628	05-17-1977	Bodine	
		US- 4,217,753	08-19-1980	Loretan	
		US- 4,403,665	09-13-1983	Bodine	
		US- 4,693,325	09-15-1987	Bodine	
		US- 5,027,908	07-02-1991	Roussy	
		US- 5,086,854	02-11-1992	Roussy	
		US- 5,409,070	04-25-1995	Roussy	
		US- 5,417,673	05-23-1995	Gordon	
		US- 5,562,169	10-08-1996	Barrow	
		US- 5,812,068	09-22-1998	Wisler et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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				Applicati n Numb r	
				Filing Date	
				First Named Inventor	
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Disc Springs", undated, 1 page	✓
		"Mechanisms simplify timing between shafts", undated, pages 262-263	✓
		HARRIS, CYRIL M., "Shock and Vibration Handbook", undated, pages 25.1-25.7, Fourth Edition	✓
		"General Fundamentals", undated, pages 1-13	✓
		"Mutually-opposed springs", undated, page 15	✓
		BOART LONGYEAR COMPANY, "Environmental Drilling Division: Sonic Drilling", undated, pages 1-11	✓
		"Sonic Drilling Ltd.", undated, page 2, Industry in Action	✓

Examiner Signature		Date Considered	
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